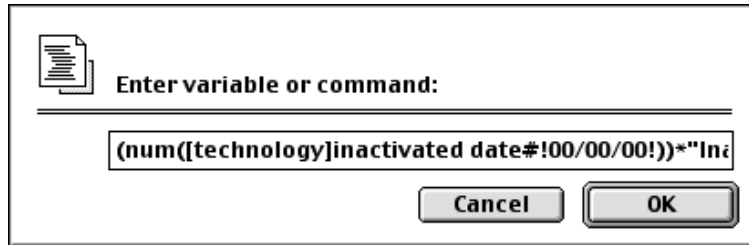


Using Boolean Expressions in 4D Write Documents - Tip #25

A boolean expression is a statement that is True or False. Boolean expressions can be evaluated in 4D Write expressions in order to display or hide text. To insert a 4D Expression, the user should select **Insert 4D Expression** from the **Database** menu in the 4D Write window. A prompt appears for the user to enter the variable or command:



Enter variable or command:

`(num([technology]inactivated date#!00/00/00!))*"Inactivated date is not blank"`

Cancel OK

The following expression is an example that will print the text "Inactivated date is not blank" if [Technology]Inactivated Date is not equal to 00/00/00:

`(num([technology]inactivated date#!00/00/00!))*"Inactivated date is not blank"`

The boolean expression in this statement is: [Technology]Inactivated Date#!00/00/00!. The result is converted to a number using the num command (1-True, 0-False) and multiplied by the text. One multiplied by the text will result in the text, therefore displaying it. Zero multiplied by the text will result in zero and will not display the text.

The above example compares a date field to a date value. The table below gives examples using other field types:

Field Type	Example
String/Text	<code>(num([technology]ntr title#""))*"The NTR Title is not blank"</code>
Integer/Long Int	<code>(num([technology]Other Total Inquires>0))*"The number of Other Total Inquires is greater than zero"</code>
Boolean	<code>(num([technology]Submit to HQ=TRUE))*"Submit to HQ is True"</code>

NOTE: The maximum number of characters allowed in the expression is 127 (including spaces). MAC users will receive a beep when this limit is reached and will not be allowed to type any more characters. PC users will be allowed to type beyond the limit and will receive a 4D Client error.